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S&H Form: (01/03)

**REPLY/AMENDMENT  
FEE TRANSMITTAL**

Attorney Docket No.	837.1964
Application Number	09/803,978
Filing Date	March 13, 2001
First Named Inventor	Shinichi TAKEDA, et al.
Group Art Unit	3663
AMOUNT ENCLOSED	90.00
Examiner Name	Hughes, Deandra M.

**FEE CALCULATION (fees effective 01/01/03)**

CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	27	- 22=	5	X \$ 18.00 =	\$ 90.00
INDEPENDENT CLAIMS	14	- 14=	0	X \$ 84.00 =	0.00

Since an Official Action set an original due date of April 29, 2003, petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$410); 3 months (\$930); 4 months (\$1,450); 5 months (\$1,970)):

If Notice of Appeal is enclosed, add (\$320)

If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110)

Total of above Calculations =

Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)

TOTAL FEES DUE =

(1) If entry (1) is less than entry (2), entry (3) is "0".

(2) If entry (2) is less than 20, change entry (2) to "20".

(4) If entry (4) is less than entry (5), entry (6) is "0".

(5) If entry (5) is less than 3, change entry (5) to "3".

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MAY 02 2003

**GROUP 3600**

**METHOD OF PAYMENT**

- ☐ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

**GENERAL AUTHORIZATION**

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No. 19-3935  
Deposit Account Name STAAS & HALSEY LLP

- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Kevin J. McNeely	Reg. No.	52,018
Signature		Date	4/28/03



Docket No.: 837.1964  
Serial No: 09/803,978

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Shinichi TAKEDA, et al.

Serial No. 09/803,978

Group Art Unit: 3663

Confirmation No. 9367

Filed: March 13, 2001

Examiner: Hughes, Deandra M.

For: METHOD AND DEVICE FOR WAVEFORM SHAPING OF SIGNAL LIGHT

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GROUP 3600

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Bae  
Zates  
D  
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Coper  
6-20-03

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is in response to the Office Action mailed January 29, 2003, and having a period for response set to expire on April 29, 2003.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

**IN THE CLAIMS:**

Please AMEND claims 1 and 7-9 and ADD new claims 27-31 in accordance with the following:

1. (Currently amended) A method comprising:  
shaping a waveform of an input signal light to produce a shaped output signal light;  
selecting a quality measure that obtains a quality measurement of said output signal

light from one of:

- a Q factor;  
a bit error rate;  
a spectrum shape; and  
an eye opening; and

controlling the power of said input signal light so that said quality measurement is improved to an optimal level.

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